5.

Alberta Trade

Exports

84- 3345 /

ALBERTA

EXPORTS

1982

ALBERTA EXPORTS
1982

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ALBERTA EXPORTS

Alberta's export performance over the past few years has been remarkably good. Total exports have risen rapidly and, despite the recent world wide recession and the protectionist tendencies in many countries, Alberta's export total for 1982 went down by only one half of one per cent. According to Statistics Canada, in 1981, Alberta's total exports reached a record high of $9.44 billion; the 1982 level was $9.39 billion. Since 1977, exports have grown by an average annual rate of about 16.5 per cent.

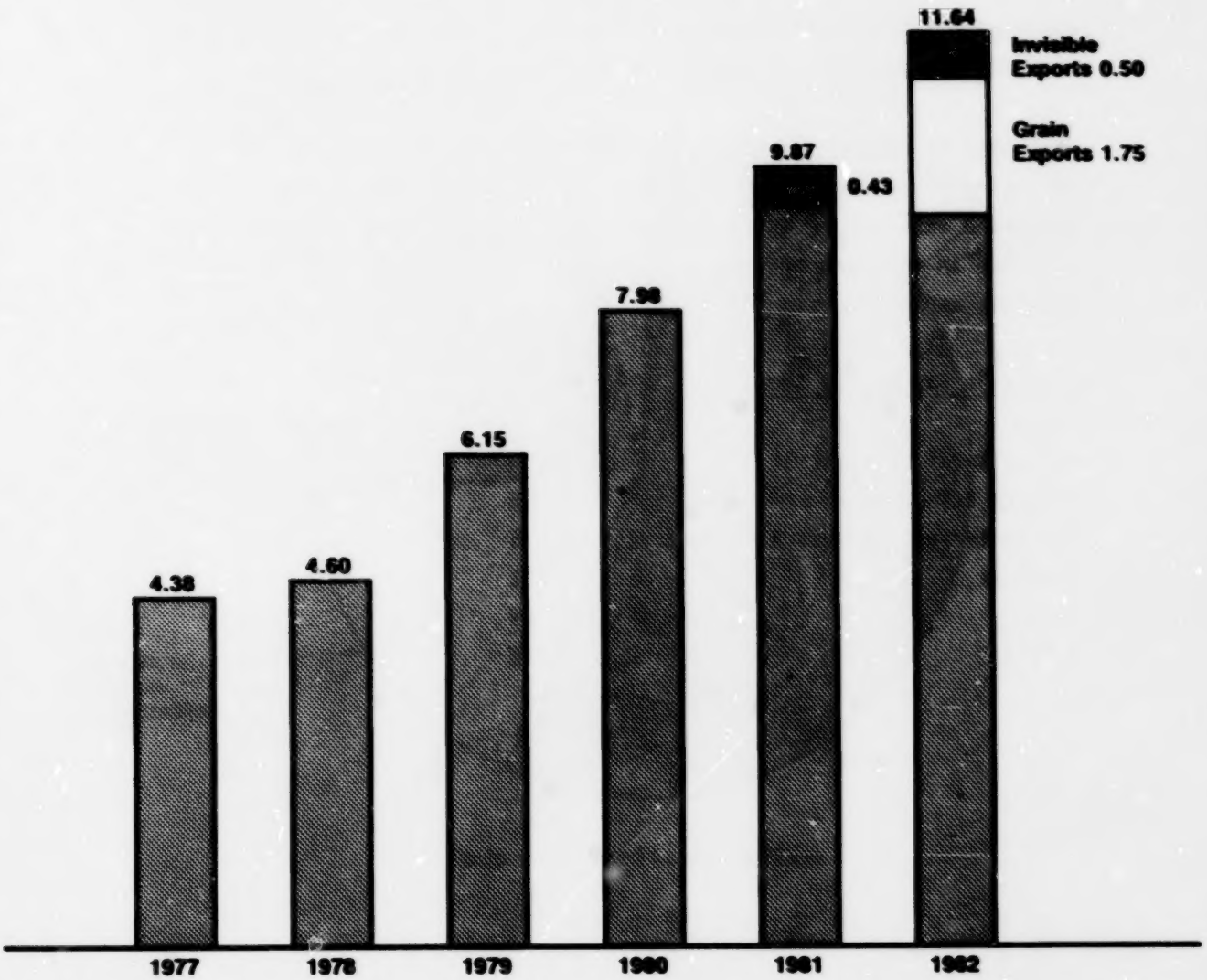
Export figures have traditionally underestimated the export levels of land-locked provinces. This is particularly true of Alberta's grain exports. Alberta Agriculture has undertaken the task of estimating provincial exports of selected grains through the examination of western Canadian grain flows. In 1982, Alberta exported $1.75 billion worth of wheat, barley, canola and flaxseed over and above the $9.39 billion export total estimated by Statistics Canada.

Invisible exports are another area of growing importance to the Alberta economy. Alberta Economic Development has, for the past two years, looked at the contribution that our service industries have made to the local economy. Estimates put provincial invisible exports for 1982 at $501.3 million, a 16.8 per cent increase over the previous year.

The inclusion of all export data available, invisible exports, grain exports, and the traditional Statistics Canada information, would put Alberta's 1982 export total at $11.64 billion. (This figure cannot be compared to 1981 as the grain estimates were not available then.)

ALBERTA'S EXPORT PERFORMANCE

1979-1982
(billions of dollars)



A. SECTOR EXPORTS

Primary resources are Alberta's major export earner. In 1982, exports of natural gas, crude petroleum and coal brought in $6.43 billion - about 55 percent of Alberta's total exports. Manufactured goods, primary and secondary, were the second largest export sector with $2.63 billion and accounting for 22 percent of total exports. Primary manufactured exports were made up of petroleum products, sulphur and woodpulp, while secondary manufactured exports include such items as oil and gasfield equipment, fertilizer materials and organic chemicals.

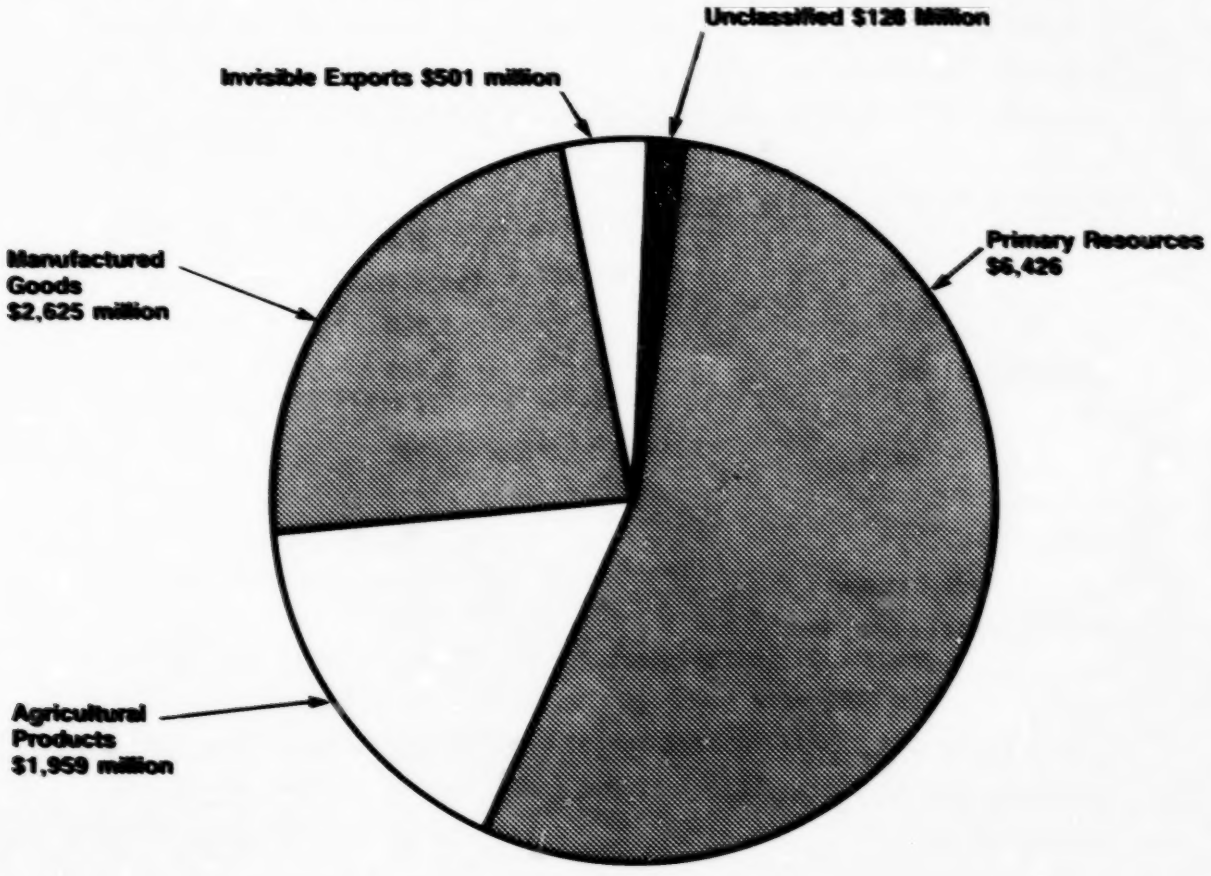
Just over 16 percent of Alberta's 1982 exports were comprised of agricultural products such as wheat, barley, canola and livestock. Invisible exports are estimated to have brought in $501 million to the province in the form of tourism, aviation (freight) and engineering services among others.

Alberta's Exports By Sector

	$ million	% share of total
Agricultural Products	1,959	16.8
Primary Resources	6,426	55.2
Manufacturing (primary & secondary)	2,625	22.6
Services	501	4.3
Other	129	1.1
TOTAL	11,640	100.0

ALBERTA EXPORTS BY SECTOR

1982



Total Exports: $11,639 million

B. COMMODITY EXPORTS

Alberta's leading export commodities are energy and agriculture products. Natural gas and crude petroleum together account for just over one half of total exports with $4.25 billion and $1.77 billion respectively. Coal is another energy resource, exports of which increased over the previous year. Wheat ($1,111 million), barley ($455 million) and canola ($167 million) combine to make up about 15 percent of Alberta's total exports. The leading manufactured exports are petroleum products ($852 million), oil and gasfield equipment ($252 million), woodpulp ($231 million) and fertilizers ($165 million).

Alberta's Major Commodity Exports

	1981 ($million)	1982 ($million)
Natural Gas	3,950	4,250
Crude Petroleum	1,621	1,767
Wheat	*	1,111
Petroleum Products	741	852
Barley	*	455
Sulphur	489	445
Coal & Crude Bitumen	367	392
Oil & Gasfield Equipment	405	252
Woodpulp	256	231
Canola	*	167
Fertilizer & Materials	166	165
Livestock & Animal products	119	141
Organic Chemicals	146	116
ABOVE TOTAL	8,250	9,899

*figure not available prior to 1982

EXPORT MARKETS

Alberta's goods and services make their way to all parts of the world. In 1982, the United States, with $8.28 billion, absorbed about three quarters of Alberta's total exports. The second largest market, with 10.8 percent of total exports was Asia/Pacific Rim - it took $1.2 billion worth of goods from this province. Within that market, Japan accounted for 55 percent or $666 million. Other markets include the People's Republic of China ($235 million), South Korea ($65 million) and Australia ($63 million).

Alberta Exports to World Regions - 1982

	$ '000	% of total
United States	8,277,233	74.3
Asia/Pacific Rim	1,201,728	10.8
Europe (East & West)	1,119,651	10.0
Latin America	241,221	2.2
Middle East/North Africa	177,109	1.6
Africa	122,464	1.1
	11,139,406*	

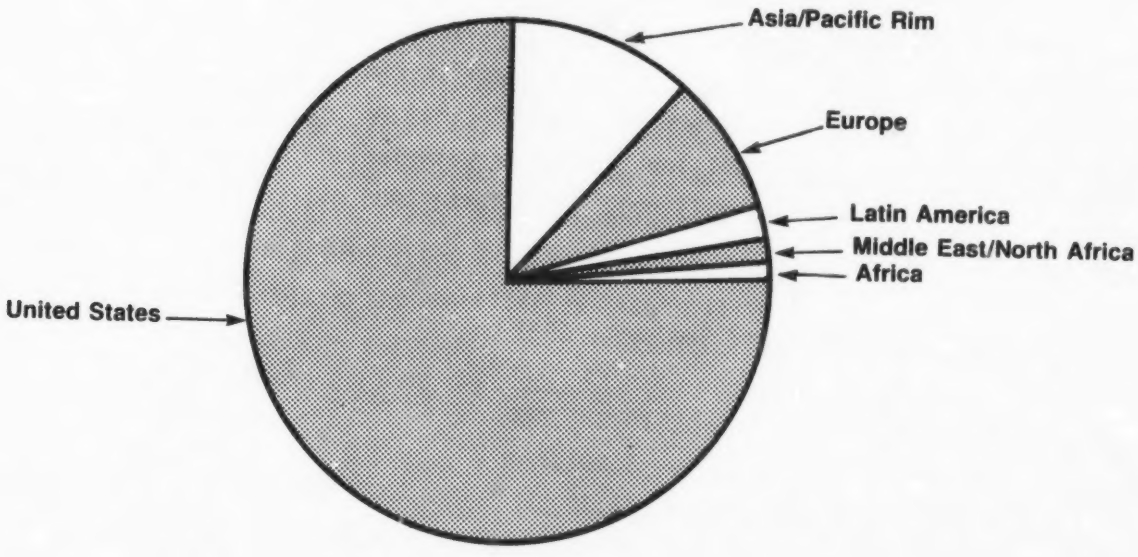
* Excludes service exports ($501.3 million)

In Europe, a market of $1.12 billion representing 10 percent of total exports, the U.S.S.R. was our largest customer with $597 million - about one half the market. The United Kingdom ($96 million), the Netherlands ($92 million, Poland ($89 million) and Italy ($77 million) were prominant markets for Alberta goods.

ALBERTA EXPORTS

Global Destinations

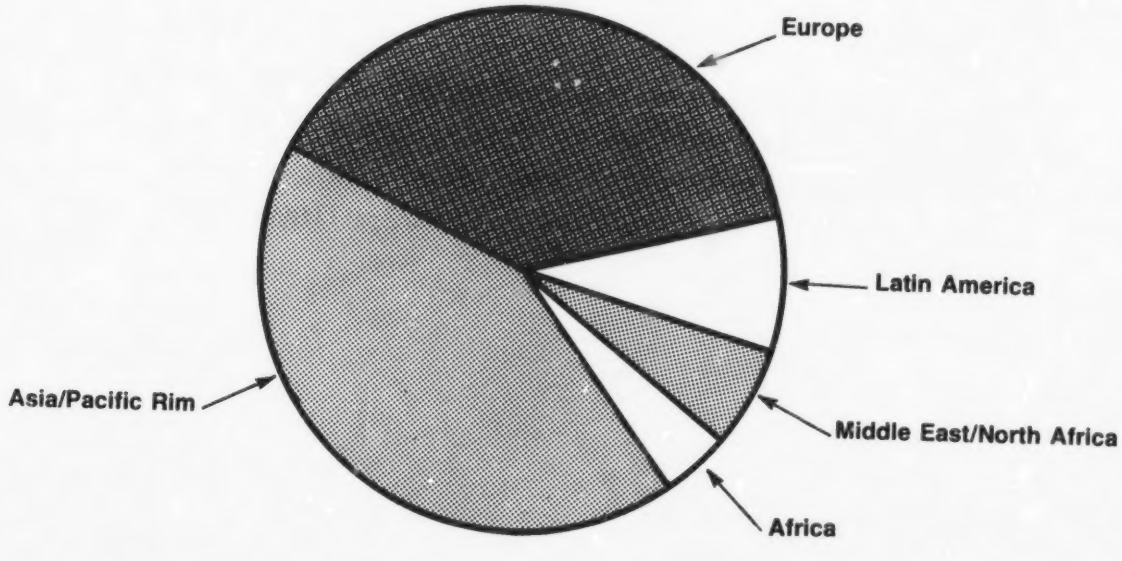
1982



ALBERTA EXPORTS

Non-U.S. Destinations

1982



ALBERTA EXPORTS TO SELECTED COUNTRIES

1982

United States	8,275,902
Japan	666,946
U.S.S.R.	596,985
People's Republic of China	235,414
United Kingdom	96,087
The Netherlands	92,221
Poland	89,213
Italy	77,286
South Korea	65,365
Australia	63,288
Brazil	43,978
Belgium/Luxemburg	38,739
Tunisia	36,618
Taiwan	35,787
India	33,867
West Germany	32,809
Rest of the world	658,901
TOTAL	11,139,406*

* Excludes service exports ($501.3 million)

MARKET SPOTLIGHT

1. The United States

Exports to the United States dropped by one percent, from $8.34 billion in 1981, to $8.25 billion in 1982 (estimates of grain shipments raises the 1982 total to $8.28 billion). With about 75 percent of Alberta's total exports, it is a key market for Alberta products. The recession in the United States adversely affected exports of wood pulp and oil and gasfield equipment. Natural gas exports grew by 7 percent while other exports of significance that increased in dollar value include crude petroleum and petroleum products.

ALBERTA EXPORTS

U.S. Destinations

1982

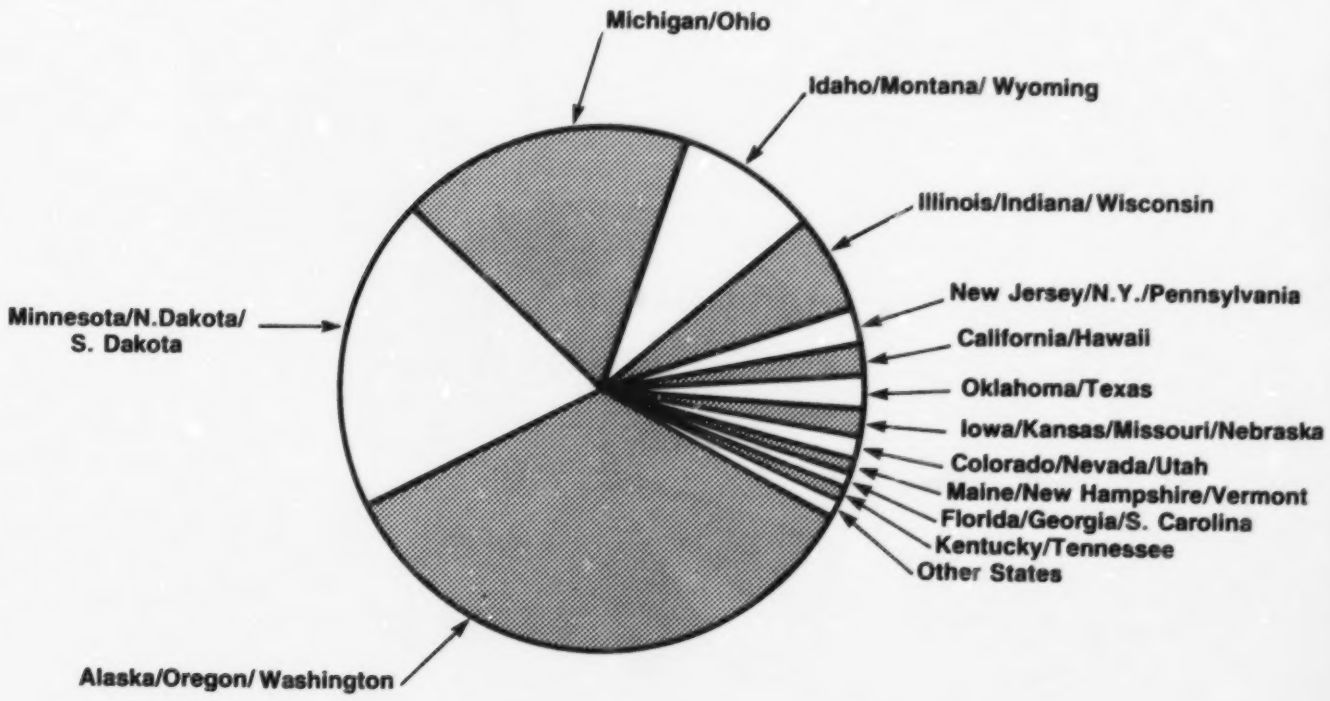


Table V

ALBERTA EXPORTS TO U.S. REGIONS - 1982

	VALUE OF EXPORTS ($'000)	% OF TOTAL
Alaska, Oregon, Washington	2,873,594	34.83
Minnesota, N. Dakota, S. Dakota	1,599,280	19.39
Michigan, Ohio	1,435,299	17.39
Idaho, Montana, Wyoming	950,680	11.52
Illinois, Indiana, Wisconsin	402,710	4.89
Iowa, Kansas, Missouri, Nebraska	180,365	2.19
Kentucky, Tennessee	156,147	1.89
Oklahoma, Texas	153,672	1.87
California, Hawaii	125,152	1.52
New Jersey, New York, Pennsylvania	120,186	1.46
Colorado, Nevada, Utah	63,747	0.77
Maine, New Hampshire, Vermont	56,239	0.68
Florida, Georgia, S. Carolina	53,241	0.65
Deleware, Maryland, D.C.	37,069	0.45
Arkansas, Louisianna	19,225	0.23
Alabama, Mississippi, N. Carolina, Virgina, W. Virginia, Connecticut, Massachussets Rhode Island	9,137	0.11
Arizona, New Mexico	5,873	0.07
Unspecified States	5,183	0.06
	2,065	0.03
TOTAL (above)	8,248,864	100.00
Grain Estimates	27,098	
TOTAL (including grain estimates)	8,275,962	

SOURCE: Statistics Canada and Alberta Agriculture

As can be expected, Alberta's exports are affected by market location and the associated transportation costs. Traditionally, the majority of Alberta's exports to the U.S. are destinted for the more proximate markets in the eleven north-central and northwestern states. (Table V)

ii. The Pacific Rim/Asia

The Pacific Rim/Asia region is one of Alberta's most promising export markets. With exports totaling $1.2 billion in 1982 it represents 10.8 percent of Alberta's total exports.

The largest markets in Asia were Japan ($666.9 million), the Peoples Republic of China ($235.4 million), South Korea ($65.4 million) and Australia ($63.3 million).

ALBERTA EXPORTS TO ASIA/PACIFIC RIM
(THOUSANDS OF DOLLARS)

	1977	1978	1979	1980	1981	* 1982*
Australia	5,286	9,178	12,195	34,089	81,775	63,288
*Hong Kong	1,022	3,209	4,910	6,617	10,480	8,681
India	13,045	11,871	22,630	23,308	42,698	33,867
Indonesia	12,519	3,493	2,897	7,399	12,690	10,364
*Japan	233,354	286,407	240,729	260,336	302,290	666,946
Malaysia	96	132	201	308	971	6,311
New Zealand	3,746	2,123	2,980	4,163	9,481	6,425
Pakistan	5,449	7,600	262	283	1,467	4,748
*Peoples R. China	9,384	8,877	11,648	34,435	22,322	235,414
Philippines	1,455	14,946	5,434	26,853	3,607	1,976
Singapore	1,154	2,026	2,994	4,792	8,718	8,939
*South Korea	7,345	21,490	23,326	39,925	39,279	65,365
Taiwan	10,455	14,946	14,661	37,371	36,716	35,787
Thailand	1,285	2,092	1,976	3,919	6,865	2,335
*Other Countries	5,690	8,439	5,591	37	222	51,282
TOTAL	311,276	396,829	352,434	483,835	579,581	1,201,728

* The 1982 exports include estimates of grain shipments not available in previous years.

SOURCE: Statistics Canada and Alberta Agriculture

iii. The European Community

The European Community purchased $364.1 million worth of Alberta goods in 1982. Despite the industrial slowdown in the European Community it remains this province's third largest export market with 3.3 per cent of Alberta;s total exports. The United Kingdom ($96.1 million), Netherlands ($92.2 million) and Italy ($77.3 million) were Alberta's largest markets in the European Community.

ALBERTA EXPORTS TO THE EUROPEAN COMMUNITY 1977-1982
(THOUSANDS OF DOLLARS)

	1977	1978	1979	1980	1981	* 1982*
*Belgium/Luxembourg	6,172	7,157	11,135	29,071	23,844	38,739
Denmark	134	541	159	449	104	470
*France	9,489	5,445	6,613	15,994	20,493	25,604
Greece	394	2	155	3,203	615	501
Ireland	4	90	134	139	308	417
*Italy	9,351	8,047	10,819	14,841	26,824	77,286
*The Netherlands	2,362	3,323	15,724	22,929	33,900	92,221
*United Kingdom	17,134	21,245	22,844	24,232	43,176	96,087
*West Germany	2,338	5,864	25,150	16,690	29,232	32,809
TOTAL	47,378	51,714	82,733	127,548	178,496	364,134

* The 1982 exports include estimates of grain shipments not available in previous years.

SOURCE: Statistics Canada and Alberta Agriculture

iv. Latin America

Exports to Latin American amounted to $241.2 million in 1982 - about 2.2 percent of Alberta's total exports. Brazil ($44.0 million), Venezuela ($28.0 million), Mexico ($11.3 million) and Cuba ($8.4 million) were the largest markets. Venezuela was a particularly bright spot in this recessionary year as exports more than doubled. A better export performance was hindered by Brazil and Mexico's international debt problems and Argentina's war in the South Atlantic.

ALBERTA EXPORTS TO LATIN AMERICA 1977-1982

(THOUSANDS OF DOLLARS)

	1977	1978	1979	1980	1981	1982
Argentina	1,621	3,988	3,965	8,338	12,857	287
Bolivia	92	42	147	9	587	2,118
Brazil	15,103	12,227	19,276	47,102	74,118	43,978
Chile	1,383	4,027	1,071	415	3,355	4,437
Columbia	1,847	2,241	5,825	4,782	8,051	7,609
Cuba	697	1,893	4,236	3,343	11,884	8,400
*Mexico	1597	1,872	5,127	10,261	14,092	11,304
Nicaragua	920	206	479	1,455	1,078	590
Peru	106	444	148	517	4,696	5,874
Venezuela	580	5,511	4,610	8,850	13,791	27,970
*Other Countries	1,790	115	2,404	11,618	6,218	128,584
TOTAL	25,737	32,566	47,288	96,690	150,727	241,151

* The 1982 exports include estimates of grain shipments not available in previous years.

SOURCE: Statistics Canada and Alberta Agriculture

v. The Middle East/North Africa

In 1982, exports to the Middle East and North Africa totaled $177.1 million with Tunesia ($36.6 million) and Morocco (32.6 million) are the dominant export destinations for Alberta goods. The United Arab Emirates (U.A.E.) and Egypt were also relatively important markets in the region. The exports to other countries includes estimated grain shipments to the region as a whole but have not been disaggregated for individual countries.

ALBERTA EXPORTS TO MIDDLE EAST 1977-1982
(including Arab North Africa)
(THOUSANDS OF DOLLARS)

	1977	1978	1979	1980	1981	1982
Algeria	70	508	2,179	255	2,612	546
Egypt	176	135	1,715	559	3,136	2,626
Kuwait	981	2	381	633	268	1,923
Libya	728	3,009	176	80	2,157	1,826
Morocco	1,588	4,789	7,837	22,682	38,977	32,629
Saudi Arabia	3,009	3,784	726	1,885	4,308	1,987
Tunisia	2,494	3,663	7,189	32,136	44,051	36,618
Turkey	271	333	1	2	217	2,291
United Arab Emirates	570	778	3,418	1,360	2,243	3,591
Other Countries	2,344	1,196	5,567	1,587	567	92,778
TOTAL	12,231	18,197	29,189	61,179	98,536	177,109

SOURCE: Statistics Canada and Alberta Agriculture

vi. Eastern Europe

The importance of Alberta's exports to Eastern Europe is due to large export sales to the U.S.S.R. The $597.0 million in exports to the U.S.S.R. acounts for about 87 percent of all exports to the region. The only other countries to receive exports from Alberta were Poland ($89.2 million) and Czechoslavakia ($3.4 million).

ALBERTA EXPORTS TO EASTERN EUROPE 1977-1982
(THOUSANDS OF DOLLARS)

	1977	1978	1979	1980	1981	1982
*Czechoslovakia	294	61	495	222	223	3,449
*Poland	307	209	1,649	0	153	89,213
*U.S.S.R.	7,535	2,380	3,194	7,352	13,277	596,985
Other Countries	415	328	2,493	1,201	650	0
TOTAL	8,244	2,769	6,182	8,775	14,150	689,647

* The 1982 exports include estimates of grain shipments not available in previous years.

SOURCE: Statistics Canada and Alberta Agriculture

SECTOR STUDIES

The following pages detail the results of analyses made by the provincial government on oil and gasfield manufacturing, high technology and the service sectors.

i. Oil and Gas Manufacturing Equipment

Surveys indicate that of total provincial output of oil and gas manufacturering equipment in 1982, 31 per cent was exported. Exports of such equipment were valued at $235.5 million while the provincial output totaled $751.1 million.

ii. High Technology Electronic Equipment

Alberta's high technology electronic industry is currently in its embryonic stage. The industry is developing fairly rapidly and is specialized in the oil and gas sector. Total manufacturing of high technology electronic equipment in Alberta grew 18.9 percent between 1981 and 1982 - from $133.0 million to $159.3 million.

Alberta Exports of High Tech Electronic Equipment

(millions of dollars)

	1981	1982	PERCENT CHANGE
Exports	19.7	37.9	92.4
Total Manufacturing	133.9	159.3	18.9

Exports of high technology electronic equipment were instrumental in the growth of the industry over recent years. In 1981, exports of $19.7 million accounted for only 14.7 percent of total manufacturing, but in 1982 this share had grown to 23.8 percent - the export total has almost doubled to $37.9 million. About half the exports were destined for the United States with Europe and Australia/New Zealand receiving much of the balance.

iii. Exports of Services (Invisible Exports)

Alberta's service exports generated $501 million in 1982, a 16.9 per cent increase over 1981. The growth of the Alberta economy brought with it the development of skills and expertise required to build and sustain the expansion. Recognition of expertise in, and growing interaction with, other parts of the world has meant increased service, or invisible, exports. Alberta provided services to other countries, in widely divergent areas such as tourism, aviation and engineering.

Alberta's Service Exports
(millions of dollars)

Sector	1981	1982
Aviation (Freight)	131.9	97.5
Engineering Services	76.9	83.0
High Technology	1.1	73.8
Electronic Data Processing	29.0	46.2
Oil Field Consulting	1.0	1.9
Other Services	189.0	199.0
TOTAL	428.9	501.3

APPENDIX

TABLE I

PETROLEUM AND NATURAL GAS EXPORTS 1978-1982

(EXPORTS IN MILLIONS OF DOLLARS)

	1978		1979		1980		1981		* 1982 *
NATURAL GAS EXPORTS	1,800.6		2,342.2		3,441.3		3,950.5		4,250.3
Growth Rate		+30.1%		+46.9%		+14.8%		+7.6%	
Share of Total Exports	39.3%		38.1%		43.1%		41.8%		38.2%
CRUDE PETROLEUM EXPORTS	1,201.8		1,835.8		1,889.8		1,620.7		1,767.0
Growth Rate		+52.8%		+2.9%		-14.2%		-9.0%	
Share of Total Exports	26.4%		29.9%		23.7%		17.2%		15.9%
% Change +9.0									
TOTAL NATURAL GAS & CRUDE PETROLEUM EXPORTS	3,002.4		4,178.0		5,331.1		5,571.2		6,017.4
Growth Rate		+39.2%		+27.6%		+4.5%		-8.0%	
Share of Total Exports	65.4%		67.9%		66.8%		59.0%		54.0%
% Change +8.0									
ALL OTHER EXPORTS	1,588.0		1,972.1		2,651.2		3,872.7		5,121,8*
Growth Rate		+24.2%		+34.4%		+46.1%		NA	
Share of Total Exports	34.6%		32.1%		33.2%		41.0%		46.0%
% Change -13.4									

* The 1982 exports include estimates of grain shipments not available in previous years

SOURCE: Statistics Canada and ALberta Agriculture

TABLE II
ALBERTA EXPORTS BY COMMODITY GROUP 1979-1982
(EXPORTS IN THOUSANDS OF DOLLARS)

Commodity Group	1979 Exports	1979 % of Total	1980 Exports	1980 % of Total	1981 Exports	1981 % of Total	1982 Exports	1982 % of Total
Live Animals	32,702	.5	43,798	.6	49,757	.5	57.570	.6
Food, Feed, Beverages and Tobacco	104,333	1.7	137,975	1.7	138,994	1.5	157,992	1.7
Crude Materials, Inedible	4,682,160	76.2	6,151,258	77.0	6,566,328	69.2	6,923,688	73.7
Fabricated Materials, Inedible	1,153,369	18.8	1,340,954	16.8	1,665,444	17.6	1,719,481	18.3
End Products, Inedible	151,352	2.5	227,670	2.9	607,116	6.4	434,746	4.6
Special Transactions Trade	19,838	.3	82,455	1.0	464,335	4.9	96,982	1.0
TOTAL EXPORTS	6,143,754	100.0	7,984,110	100.0	9,491,974	100.0	9,390,459*	100.0

SOURCE: Statistics Canada, Catalogue #65-001

* This total does not include estimated service and grain exports.

TABLE III

ALBERTA'S MAJOR EXPORT MARKETS 1978-1982

(THOUSANDS OF DOLLARS)

Country	1978 Exports	1978 % of Total	1979 Exports	1979 % of Total	1980 Exports	1980 % of Total	1981 Exports	1981 % of Total	* 1982 * Exports	* 1982 * % of Total
United States	4,073,698	88.7	5,585,043	90.8	7,135,202	89.4	8,340,632	88.3	8,275,962	74.3
Japan	286,407	6.2	240,729	3.9	260,336	3.2	302,290	3.2	666,707	6.0
All others	230,301	5.1	324,371	5.3	588,572	7.4	800,569	8.5	2,196,553	19.7

* The 1982 exports includes estimates of grain shipments not available in previous years.

SOURCE: Statistics Canada and Alberta Agriculture

TABLE IV
SUMMARY OF MAJOR EXPORTS INCLUDING COMMODITIES
CONTRIBUTING MORE THAN 1% of TOTAL EXPORTS

COMMODITY	1978 COMMODITY TOTAL ('000)	1978 % OF TOTAL EXPORTS	1979 COMMODITY TOTAL ('000)	1979 % OF TOTAL EXPORTS	1980 COMMODITY TOTAL ('000)	1980 % OF TOTAL EXPORTS	1981 COMMODITY TOTAL ('000)	1981 % OF TOTAL EXPORTS	1982 COMMODITY TOTAL ('000)	1982 % OF TOTAL EXPORTS
Natural gas	1,800,631	39.32	2,342,234	38.08	3,441,322	43.11	3,950,460	41.83	4,250,340	38.16
Crude Petroleum	1,201,771	26.24	1,835,843	29.85	1,889,811	23.68	1,620,711	17.16	1,767,028	15.86
xWheat	N/A		N/A		N/A		N/A		1,110,775	9.97
Petroleum & Coal Products	343,287	7.50	507,040	8.24	594,150	7.44	740,792	7.84	852,203	7.65
xBarley	N/A		N/A		N/A		N/A		455,672	4.09
Sulphur	108,095	2.36	141,878	2.30	349,340	4.38	489,366	5.18	444,787	3.99
Coal and Other Crude Bitumen Substances	300,945	6.57	289,305	4.70	379,961	4.76	366,522	3.88	392,136	3.52
Drilling, Excavating, Mining Machinery	*	*	*	*	95,472	1.20	405,037	4.29	252,068	2.26
Wood Pulp and Similar Pulp	150,216	3.27	201,779	3.28	235,840	2.95	256,158	2.71	231,456	2.08
xCanola	N/A		N/A		N/A		N/A		167,258	1.50
Fertilizer and Fertilizer Materials	146,805	3.21	165,755	2.69	149,896	1.88	165,831	1.76	167,901	1.47
Organic Chemicals	*	*	*	*	89,235	1.12	145,669	1.54	116,485	1.05
TOTAL MAJOR EXPORTS	4,110,801**	89.55	4,460,050**	90.41	7,306,875**	91.55	8,617,021	91.25	10,204,109	91.61
ALL OTHER EXPORTS	479,605	10.45	590,093	9.59	675,420	8.45	826,970	8.75	935,113	8.39
TOTAL ALBERTA EXPORTS	4,590,406	100.00%	6,150,143	100.00%	7,982,295	100.00%	9,443,491	100.00%	11,139,222	100.00%

x In 1982, estimates of grain exports (wheat, barley & canola) were made available by Alberta Agriculture for the first time.
* Commodity accounted for less than 1.0% of total exports.
** In 1978 softwood Lumber accounted for 1.29% of total exports with $59,051; in 1979 it accounted fro 1.03% of total exports with $81,848; and in 1981 it accounted for 5.05% with $476,475.
SOURCES: Statistics Canada and Alberta Agriculture.

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COUNTRY OR TOTAL COMMODITY	CUMULATIVE COMMODITY TOTAL 1982	COMMODITY AS % OF TOTAL EXPORTS 1982	UNITED STATES	UNITED KINGDOM	WEST GERMANY	JAPAN	AUSTRALIA
1. Live Animals	57,570	0.4955	49,549	9	2	831	1
2. Meat, fresh, chilled or frozen	66,975	0.5765	36,028	2,582		17,470	
3. Other meat and meat preparations	963	0.0083	917			14	
4. Fish, whole or dressed, fresh or frozen	232	0.0020	88			45	
5. Fish, fillets & blocks, fresh or frozen	23	0.0002	23				
6. Other fishery foods and feeds	303	0.0026	303				
7. Dairy produce, eggs and honey	4,521	0.0389	2,286		92	70	
8. Barley	455,672	3.9221	22,898	135		77,557	
9. Wheat	1,110,775	9.5608	2,226	69,145	2,492	78,442	
10. Other cereals, unmilled	539	0.0045	399			139	
11. Hard spring wheat flour	6,565	0.0565	5			78	
12. Other cereals, milled	32,292	0.2779	11			31,448	
13. Cereal preparations	551	0.0047	487			15	
14. Fruit and fruit preparations	959	0.0083	959				

Source: Statistics Canada, Alberta Agriculture, Alberta Economic Development

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COUNTRY OR TOTAL / COMMODITY	CUMULATIVE COMMODITY TOTAL 1982	COMMODITY AS % OF TOTAL EXPORTS 1982	UNITED STATES	UNITED KINGDOM	WEST GERMANY	JAPAN	AUSTRALIA
15. Vegetables & vegetable preparations	4,354	0.0375	1,230	1,165	367	542	
16. Sugar and sugar preparations	74	0.0006	74				
17. Other foods and materials for food	327	0.0028	288				
18. Oil seed cake and meal	2,297	0.0198	2,116				
19. Other feeds of vegetable origin	1,357	0.0117	1,110			241	
20. Other fodder and feeds	3,395	0.0292	3,222	9	12	28	
21. Whiskey	31,414	0.2704	31,326			89	
22. Other beverages	403	0.0035	403				
23. Raw hides and skins	8,312	0.0715	3,482	154		265	
24. Fur skins undressed	658	0.0057	547	7	34		
25. Other crude animal products	1,684	0.0145	1,337	30		5	105
26. Seeds for sowing	8,044	0.0692	4,969	1,240	354	257	
27. Flaxseed	13,634	0.1174	1,782	558	3,727	3,394	
28. Canola	167,258	1.4396	132	14	1,669	152,949	
29. Other oil seeds, oil nuts & oil kernals	3,777	0.0325	2,725	96	46	642	

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COUNTRY OR TOTAL COMMODITY	CUMULATIVE COMMODITY TOTAL 1982	COMMODITY AS % OF TOTAL EXPORTS 1982	UNITED STATES	UNITED KINGDOM	WEST GERMANY	JAPAN	AUSTRALIA
30. Other crude vegetable products	6,374	0.0549	6,295			79	
31. Pulpwood chips	9	0.0001	9				
32. Other crude wood products	650	0.0056	640			10	
33. Textile and related fibres	12,565	0.1082	458		1,146		429
34. Iron ore and concentrates	27	0.0002	27				
35. Scrap iron and steel	299	0.0026	299				
36. Aluminum ores, concentrates and scrap	838	0.0072	429			244	
37. Copper in ores, concentrates and scrap	6,830	0.0588	1,244			5,559	
38. Lead in ores, concentrates and scrap	25	0.0002	25				
39. Nickel in ores, concentrates and scrap	135	0.0012	10				
40. Precious metals in ores, concentrates and scraps	9,825	0.0846	9,289			535	
41. Zinc in ores, concentrates and scraps	27	0.0002	18	8			
42. Radio active ores and concentrates	244	0.0021		244			

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY / COUNTRY OR TOTAL	CUMULATIVE COMMODITY TOTAL 1982	COMMODITY AS % OF TOTAL EXPORTS 1982	UNITED STATES	UNITED KINGDOM	WEST GERMANY	JAPAN	AUSTRALIA
43. Other metals in ores, concentrates and scrap	3,711	0.0319	1,663	517		329	12
44. Crude petroleum	1,767,028	15.2094	1,767,028				
45. Natural gas	4,250,340	36.5840	4,250,340				
46. Coal & other crude bitumin substances	392,136	3.3752	93,369		11,297	244,056	
47. Asbestos, unmanufactured	1,971	0.0170	1,507	72	237	23	
48. Sulphur	444,787	3.8284	81,567	3,278			21,738
49. Other crude non-metallic minerals	899	0.0077	882	11		5	
50. Other waste and scrap materials	2,266	0.0195	21,253			5	
51. Leather & leather fabricated materials	1,011	0.0087	1,011				
52. Lumber, softwood	48,734	0.4195	48,645	33		51	
53. Lumber, hardwood	38	0.0003	38				
54. Shingles and shakes	50	0.0004	50				
55. Other sawmill products	356	0.0031	356				
56. Veneer	9	0.0001	9				

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY / COUNTRY OR TOTAL	CUMULATIVE COMMODITY TOTAL 1982	COMMODITY AS % OF TOTAL EXPORTS 1982	UNITED STATES	UNITED KINGDOM	WEST GERMANY	JAPAN	AUSTRALIA
57. Plywood	9	0.0001	9				
58. Other wood fabricated materials	1,209	0.0104	1,209				
59. Wood pulp and similar pulp	231,456	1.9922	223,416	546	105	847	
60. Other paper for printing	51	0.0004	51				
61. Paper Board	59	0.0005	59				
62. Other paper	8,447	0.0727	8,400		43		
63. Yarn, thread, cordage, twine and rope	58	0.0005	22		36		
64. Cotton broad woven fabrics	20	0.0002	14				
65. Other broad woven fabrics	146	0.0013	73	14			
66. Other textile fabricated materials	38	0.0003	32				
67. Oils, fats, waxes, extracts and derivatives	7,958	0.0685	1,375				
68. Chemical elements	7,546	0.0650	6,416	89	127	338	
69. Other inorganic chemicals	80,380	0.6919	79,685			511	
70. Organic chemicals	116,485	1.0026	55,583	1,492	1,474	37,290	1,026

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY / COUNTRY OR TOTAL	CUMULATIVE COMMODITY TOTAL 1982	COMMODITY AS % OF TOTAL EXPORTS 1982	UNITED STATES	UNITED KINGDOM	WEST GERMANY	JAPAN	AUSTRALIA
71. Fertilizers and fertilizer materials	163,901	1.4107	158,296				
72. Synthetic rubber and plastic materials	42,153	0.3628	17,473	4,241	1,090	5,293	644
73. Plastics basic shapes and forms	4,762	0.0410	3,908	604	40		28
74. Other chemical products	5,667	0.0488	3,161	36		742	
75. Petroleum and coal products	852,203	7.3352	851,998				
76. Primary iron and steel	10	0.0001	10				
77. Castings and forgings, steel	1,308	0.0113	1,073				234
78. Bars, and rods, steel	104	0.0009	104				
79. Plate, sheet and strip steel	497	0.0043	497				
80. Railway track material	3	0.0000	3				
81. Other iron and steel and alloys	17,795	0.1532	17,332	47			16
82. Aluminum, including alloys	736	0.0063	689	44			4
83. Copper and alloys	154	0.0013	150				
84. Lead, including alloys	15	0.0001	15				
85. Nickel and alloys	59,597	0.5130	10,979	1,273	232	570	

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COUNTRY OR TOTAL COMMODITY	CUMULATIVE COMMODITY TOTAL 1982	COMMODITY AS % OF TOTAL EXPORTS 1982	UNITED STATES	UNITED KINGDOM	WEST GERMANY	JAPAN	AUSTRALIA
86. Precious metals, including alloys	449	0.0039	439				
87. Other non-ferrous metals and alloys	6,521	0.0561	5,476	4	354		71
88. Metal febricated basic products	14,068	0.1211	10,883	291	41	64	1,024
89. Abrasive basic products	113	0.0010	57			35	4
90. Other non-metallic mineral basic products	4,783	0.0412	4,669	43	9		34
91. Other fabricated materials inedible	1,013	0.0087	757				7
92. Engines and turbines, general purpose	579	0.0050	411				1
93. Electric generators and motors	6,367	0.0548	1,341	12		203	2
94. Other general purpose industrial machinery	16,151	0.1390	10,756	196	1	84	40
95. Materials, handling machinery and equipment	5,875	0.0506	5,486	10			73
96. Drilling, excavating, mining machinery	252,068	2.1696	147,265	5,646	3,392	2,114	32,958
97. Metal working machinery	3,442	0.0296	1,765	73	55	35	1
98. Woodworking machinery & equipment	120	0.0010	120				

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COUNTRY OR TOTAL COMMODITY	CUMULATIVE COMMODITY TOTAL 1982	COMMODITY AS % OF TOTAL EXPORTS 1982	UNITED STATES	UNITED KINGDOM	WEST GERMANY	JAPAN	AUSTRALIA
99. Construction machinery & equipment	9,352	0.0805	5,296		4		30
100. Plastics Industry machinery & equipment	162	0.0014	161				
101. Pulp and paper industries machinery	582	0.0050	436			22	
102. Other special industries machinery	1,886	0.0162	1,828	15		18	11
103. Soil preparation, seeding, fertilizing machinery	6,104	0.0525	5,374	362			364
104. Combine reaper-threshers and parts	2,366	0.0204	2,366				
105. Other haying & harvesting machinery	2,765	0.0238	376				22
106. Other agricultural machinery and equipment	18,805	0.1619	8,753	187	2		1,833
107. Railway & street railway rolling stock	85	0.0007	9		76		
108. Passenger automobiles & chassis	1,762	0.0152	1,750		5		
109. Trucks, truck tractors and chassis	12,746	0.1097	11,939				129
110. Other motor vehicles	8,216	0.0707	7,581	5			
111. Motor vehicle engines and parts	81	0.0007	81				

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COUNTRY OR TOTAL COMMODITY	CUMULATIVE COMMODITY TOTAL 1982	COMMODITY AS % OF TOTAL EXPORTS 1982	UNITED STATES	UNITED KINGDOM	WEST GERMANY	JAPAN	AUSTRALIA
112. Motor vehicles parts, except engines	7,342	0.0632	4,149	12	5		66
113. Ships, boats and parts	1,378	0.0119	175	1		1,201	
114. Aircraft complete with engines	910	0.0078	910	25			
115. Aircraft engines and parts	712	0.0061	276				
116. Aircraft parts, except engines	10,634	0.0915	9,939	10	24		
117. Other transportation equipment	1,429	0.0123	1,427				
118. Televisions, radios and phonographs	21	0.0002	21				1
119. Other telecommunication and related equipment	5,203	0.0448	3,631	158	5	227	50
120. Heating & refrigeration equipment	3,075	0.0265	866		37		1
121. Cooking equipment for food	18	0.0002	18				
122. Electric lighting and distribution equipment	985	0.0085	817	21	1	13	74
123. Navigation equipment and parts	113	0.0010	25				1
124. Other measuring, cont., lab. med. and opt. equipment	14,451	0.1244	11,384	362	174	663	155

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COUNTRY OR TOTAL / COMMODITY	CUMULATIVE COMMODITY TOTAL 1982	COMMODITY AS % OF TOTAL EXPORTS 1982	UNITED STATES	UNITED KINGDOM	WEST GERMANY	JAPAN	AUSTRALIA
125. Hand tools & miscellaneous cutlery	256	0.0022	242				4
126. Office machines and equipment	4,229	0.0364	1,993	175	1,120	2	457
127. Other equipment and tools	5,883	0.0506	5,389	47	8		130
128. Apparel and apparel accessories	438	0.0038	184	97	65	8	
129. Footwear	105	0.0009	102				
130. Toys, games, sporting, recreation equipment	344	0.0030	265	18		17	1
131. Other personal & household goods	564	0.0049	479	23	1		6
132. Medicinal and pharmaceutical products	670	0.0058	637				7
133. Medical, ophthalmic and orthopedic supplies	344	0.0030	187	59	9	10	14
134. Printed matter	4,233	0.0364	822	64	7	3	53
135. Photographic goods	204	0.0018	176	16	2		7
136. Firearms, ammunition and ordnance	178	0.0015	131				
137. Containers and closures	9,434	0.0812	9,282	63			6
138. Prefabricated buildings & structures	13,009	0.1120	10,040	15		1,213	20

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COUNTRY OR TOTAL / COMMODITY	CUMULATIVE COMMODITY TOTAL 1982	COMMODITY AS % OF TOTAL EXPORTS 1982	UNITED STATES	UNITED KINGDOM	WEST GERMANY	JAPAN	AUSTRALIA
139. Other end products	17,501	0.1506	2,999	46	551	2	297
140. Special transactions, trade	96,982	0.8348	86,999	269	1,562	4	587
141. Invisible Exports	501,300	4.3149					
TOTAL ALL COMMODITIES*	11,618,013	100.00	8,275,962	94,829	32,744	666,707	63,288

* The all commodities total is a summation of the cumulative commodity total column. It is slightly lower than the Alberta export total of $11,640,706, due to the suppression of country export data within certain commodity categories.

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COUNTRY OR TOTAL / COMMODITY	NETHERLANDS	FRANCE	MEXICO	NEW ZEALAND	SWITZERLAND	SINGAPORE	HONG KONG
1. Live Animals			77				
2. Meat, fresh, chilled or frozen	1,238	5,158	254	254	2,269		
3. Other meat and meat preparations				30			
5. Fish, fillets & blocks, fresh or frozen		89			10		
6. Other fishery foods and feeds							
7. Dairy produce, eggs and honey		47	1,950			8	
8. Barley	17,668	-			2,736		1,535
9. Wheat	5,335	7,238	3,457		632		
10. Other cereals, unmilled							19
11. Hard spring wheat flour							61
12. Other cereals, milled				32			
14. Fruit and fruit preparations							
15. Vegetables & vegetable preparations		78					
17. Other foods and materials for food	23	7					

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY / COUNTRY OR TOTAL	NETHERLANDS	FRANCE	MEXICO	NEW ZEALAND	SWITZERLAND	SINGAPORE	HONG KONG
18. Oil seed cake and meal				180			
19. Other feeds of vegetable origin							5
20. Other fodder and feeds							
23. Raw hides and skins			12				14
25. Other crude animal products		42	2	44	3	1	
26. Seeds for sowing	153	185		27	84		
27. Flaxseed	3,224	70			425		1
28. Canola	2,018	152	9				
29. Other oil seeds, oil nuts & oil kernals	42		165				15
30. Other crude vegetable products							
34. Textile and related fibres							118
44. Other metals in ores, concentrates and scrap	1,154						
45. Crude petroleum							
49. Sulphur	7,223	7,022		3,782			

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY / COUNTRY OR TOTAL	NETHERLANDS	FRANCE	MEXICO	NEW ZEALAND	SWITZERLAND	SINGAPORE	HONG KONG
51. Other waste and scrap materials							3
52. Leather & leather fabricated materials							
53. Lumber, softwood							
60. Wood pulp and similar pulp		4,192	42		419		
63. Other paper							
66. Other broad woven fabrics							
68. Oils, fats, waxes, extracts and derivatives				175			6,275
69. Chemical elements		41					
70. Other inorganic chemicals			96				
71. Organic chemicals	16,121			679	300	1,799	
72. Fertilizers and fertilizer materials	54						10
73. Synthetic rubber and plastic materials	24			202			44
74. Plastics basic shapes and forms				69		1	
75. Other chemical products	521			33		322	
76. Petroleum and coal products			158	9			

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY / COUNTRY OR TOTAL	NETHERLANDS	FRANCE	MEXICO	NEW ZEALAND	SWITZERLAND	SINGAPORE	HONG KONG
79. Bars, and rods, steel							
82. Other iron and steel and alloys				6		179	
85. Nickel and alloys	36,301	6	512	239			
88. Other non-ferrous metals and alloys							
89. Metal febricated basic products	43	10	218			200	
90. Abrasive basic products						17	
91. Other non-metallic mineral basic products				10		22	
92. Other fabricated materials, inedible	37				9		
93. Engines and turbines, general purpose		44				3	
94. Electric generators and motors	17	3				5	
95. Other general purpose industrial machinery				238		10	
96. Materials, handling machinery and equipment		2				15	
97. Drilling, excavating, mining machinery	623	476	1,938	30		4,242	21

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY / COUNTRY OR TOTAL	NETHERLANDS	FRANCE	MEXICO	NEW ZEALAND	SWITZERLAND	SINGAPORE	HONG KONG
98. Metal working machinery						1,347	
100. Construction machinery & equipment			144				236
101. Plastics Industry machinery & equipment						1	
102. Pulp and paper industries machinery		51					
103. Other special industries machinery		1		11			
104. Soil preparation, seeding, fertilizing machinery							
106. Combine reaper-threshers and parts							
107. Other haying & harvesting machinery							
107. Other agricultural machinery and equipment		1		8		3	
111. Trucks, truck tractors and chassis		31					
112. Other motor vehicles				4			
114. Motor vehicles parts, except engines		1		1		40	
115. Ships, boats and parts							
116. Aircraft complete with engines		269					

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COUNTRY OR TOTAL COMMODITY	NETHERLANDS	FRANCE	MEXICO	NEW ZEALAND	SWITZERLAND	SINGAPORE	HONG KONG
117. Aircraft engines and parts	2						
118. Aircraft parts, except engines	24	18	90				
119. Other transportation equipment							
121. Other telecommunication and related equipment	87	10		4		122	
122. Heating & refrigeration equipment							
124. Electric lighting & distribution equipment	7	1				61	
126. Other measuring, cont., lab. med. and opt. equipment	157	275	1	271	8	103	31
127. Hand tools and miscellaneous equipment						2	
128. Office Machines and Equipment	50				46	33	
129. Other equipment and tools		5		10		12	
130. Apparel and apparel accessories	12	1			11		
132. Toys, games, sporting recreation equipment				11	2		

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COUNTRY OR TOTAL COMMODITY	NETHERLANDS	FRANCE	MEXICO	NEW ZEALAND	SWITZERLAND	SINGAPORE	HONG KONG
133. Other personal & household goods				1	4		2
134. Medicinal and pharmaceutical products		4			4		
135. Medical, ophthalmic and orthopedic supplies				51			
136. Printed matter	23			2	1	5	1
137. Photographic goods					1		
138. Firearms, ammunition and ordnance						12	
139. Containers and closures			1,663				
140. Prefabricated buildings & structures		1	1		510	1	3
141. Other end products	22	105	474	14		204	
142. Special transations, trade							
TOTAL ALL COMMODITIES	92,221	25,604	11,289	6,425	7,374	8,939	8,680

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

	COUNTRY OR TOTAL COMMODITY	SOUTH KOREA	PHILIPPINES	TAIWAN	UNITED ARAB EMIRATES	U.S.S.R.	INDONESIA
1.	Live animals	7,072	29				
8.	Barley					198,217	
9.	Wheat					363,017	
11.	Hard spring wheat flour	3,774					
12.	Other cereals, milled	94					
15.	Vegetable and vegetable preparations		1				
23.	Raw hides and skins	324		695		1,726	
28.	Canola	3,852					
29.	Other oil seeds, oil nuts and oil kernals			20			
30.	Other crude vegetable products						
31.	Textile and related fibres	409	1,250	6,289			268
36.	Scrap iron & steel						
38.	Copper in ores, concentrates and scrap	27					

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

	COMMODITY	COUNTRY OR TOTAL	SOUTH KOREA	PHILIPPINES	TAIWAN	UNITED ARAB EMIRATES	U.S.S.R.	INDONESIA
40.	Nickle in ores, concentrates and scrap		126					
44.	Other metals in ores, concentrates and scrap				36			
47.	Coal & other crude bitumin substances		24,701		1,207			
49.	Sulphur		15,800		7,682		23,730	3,849
51.	Other waste and scrap materials		7					
59.	Other wood fabricated material							
60.	Wood pulp and similar pulp							
64.	Yarn, Thread, Cordage, Twine and Rope							
65.	Cotton broad woven fabrics						4	
66.	Other broad woven fabrics				49		5	
67.	Other textile fabricated materials						6	
69.	Chemical elements		33					
70.	Other inorganic elements							

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

	COMMODITY / COUNTRY OR TOTAL	SOUTH KOREA	PHILIPPINES	TAIWAN		UNITED ARAB EMIRATES	U.S.S.R.	INDONESIA
71.	Organic chemicals	8,454	541	19,524	5,745		638	15
72.	Fertilizer and fertilizer materials							3,707
73.	Synthetic rubber and plastic materials			130				
74.	Plastic basic shapes and forms					6		
85.	Nickel and alloys		33	40				
89.	Metal fabricated basic products					6		
91.	Non metalic mineral basic product							
92.	Other fabricated materials inedible					7		1
93.	Engine and turbines general purposes	121						
94.	Electric generators and motors					385		
95.	Other general purpose industrial machinery	15				43	486	38
96.	Materials handling machinery and equipment					3		

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

	COUNTRY OR TOTAL COMMODITY	SOUTH KOREA	PHILIPPINES	TAIWAN	UNITED ARAB EMIRATES	U.S.S.R.	INDONESIA
97.	Drilling, excavating, mining machinery	527	100		3,024	6,583	2,170
98.	Metalworking machinery			7			
100.	Construction machinery & equipment						9
101.	Plastic industry machinery & equipment						
102.	Pulp & paper industries machinery						
103.	Other special industries machinery						
107.	Other agricultural machinery and equipment	4					
111.	Trucks, truck tractors and chasis						255
112.	Other motor vehicles						40
114.	Motor vehicles parts, except engines					2,523	
115.	Ships, boats & parts						

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

	COMMODITY	COUNTRY OR TOTAL	SOUTH KOREA	PHILIPPINES	TAIWAN	UNITED ARAB EMIRATES	U.S.S.R.	INDONESIA
116.	Aircraft parts, except engines			23		23		
121.	Other telecommunication and related equipment					1		
122.	Heating and refrigeration equipment				103	4		
124.	Electric lighting and distribution equipment					3		1
125.	Navigation equipment & parts							
126.	Other measuring, cont., lab. med. and opt. equipment		7			6		
128.	Office machines & equipment					30		
129.	Other equipment and tools					8		
130.	Apparel and apparel accessories					1	44	
132.	Toys, games, sports & recreation					5		
133.	Other personals & household goods					19	6	

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY	COUNTRY OR TOTAL	SOUTH KOREA	PHILIPPINES	TAIWAN	UNITED ARAB EMIRATES	U.S.S.R.	INDONESIA
135.	Medical, opthalmic and orthopedic supplies						
136.	Printed matter	7					
137.	Photographic goods						
140.	Prefabricated buildings & structures						
141.	Other end products				17		
142.	Special transactions, trade	14					
							10
	TOTAL ALL COMMODITIES	65,365	1,976	35,787	3,591	596,985	10,364

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY / COUNTRY OR TOTAL	SWEDEN	BELGIUM-LUXEMBOURG	INDIA	ITALY	SOUTH AFRICA	FINLAND
1. Live animals						
2. Meat, fresh, chilled or frizen	201					
7. Dairy produce, eggs and honey				31		
8. Barley		2,340		28,722		
9. Wheat		18,927		37,473		
13. Cereal preparations	49	522		279		
15. Vegetables and vegetable preparations	288	18			130	21
17. Other foods and materials for food						
20. Other fodder and feeds				22		
23. Raw hides and skins				260		
25. Other crude animal products					6	3
26. Seeds for sowing		184		130		
27. Flaxseed	20	130				
29. Other oil seeds, oil nuts and oil kernels		8				

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY / COUNTRY OR TOTAL	SWEDEN	BELGIUM-LUXEMBOURG	INDIA	ITALY	SOUTH AFRICA	FINLAND
34. Textile and related fibres			64			
37. Aluminum ores, concentrates and scraps			165			
47. Coal & other crude bitumin substances	9,622		3,611			
49. Sulphur		12,948	14,095	9,923	37,646	6,513
50. Other crude non-metallic minerals		1				
60. Wood pulp and similar pulp		1,598		291		
67. Other textiles fabricated material						
69. Chemical elements		139			16	
70. Other inorganic chemicals			89			
71. Organic chemicals	420	1,643	1,961	13		99
72. Fertilizer and fertilizer materials			2,270			
73. Synthetic rubber and plastic materials			398			
74. Plastics basic shapes and forms				2	5	2

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY	COUNTRY OR TOTAL	SWEDEN	BELGIUM-LUXEMBOURG	INDIA	ITALY	SOUTH AFRICA	FINLAND
75.	Other chemical products			326			
78.	Castings and forging steels						
85.	Nickel and alloys	1,359		2,837	22	3,219	
88.	Other non-ferrous metals and alloys					608	
89.	Metal fabricated basic products	1	4	2	15		
90.	Abrasive basic products						
91.	Other non-metalic mineral basic product			38			
92.	Other fabricated materials inedible			10			
94.	Electric generators and motors						
95.	Other general purpose industrial machinery	1				1	
96.	Materials handling machinery and equipment					33	
97.	Drilling, excavating, mining machinery	18	14	7,794	76	66	5
98.	Metalworking machinery						21

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY / COUNTRY OR TOTAL	SWEDEN	BELGIUM-LUXEMBOURG	INDIA	ITALY	SOUTH AFRICA	FINLAND
100. Construction machinery & equipment						
102. Pulp and paper industries machinery	4					
107. Other agricultural machinery and equipment						
114. Motor vehicles parts, except engines					88	
118. Aircraft parts, except engines						
119. Other transportation equipment					53	
121. Other telecommunication and related equipment	8	4			143	3
124. Electric lighting & distribution			1			
125. Navigation equipment and parts			7			81
126. Other measuring, cont., lab. med. and opt. equipment	7	1	10			32
128. Office machines & equipment	15	50				89
129. Other equipment & tools			1			
130. Apparel and apparel accessories	1	3		5		

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

	COUNTRY OR TOTAL COMMODITY	SWEDEN	BELGIUM-LUXEMBOURG	INDIA	ITALY	SOUTH AFRICA	FINLAND
132.	Toys, games, sporting, recreation equipment						
133.	Other personal & household goods						
134.	Medicinal and pharmaceutical products						
135.	Medical, opthalmic and orthopedic supplies	2				1	1
136.	Printed matter			6		10	1
137.	Photographic goods			3			
138.	Firearms, ammunition and ordnance				41		
139.	Containers and closures						
141.	Other end products	2			4		8
142.	Special transactions, trade	13				354	1
	TOTAL ALL COMMODITIES	12,031	36,215	33,867	66,195	42,410	6,877

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY	COUNTRY OR TOTAL	MALASIA	PAKISTAN	BRAZIL	CHILE	PERU	VENEZUELA
12.	Other cereal, milled	76					
15.	Vegetables & vegetable preparations			9			323
20.	Other fodder and feeds						3
25.	Other crude animal products			6	11		
29.	Other oil seeds, oil nuts & oil kernals						17
34.	Textile and related fibres				337		
47.	Coal & other crude bitumin subtances			4,273			
49.	Sulphur			38,954	2,973	3,175	
69.	Chemical elements			342			
71.	Organic chemicals	5,484			25		189
72.	Fertilizers and fertilizer materials						79
73.	Synthetic rubber and plastic materials				6		5,568
74.	Plastics basic shapes and forms						5
75.	Other chemical products		32				

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY	COUNTRY OR TOTAL	MALASIA	PAKISTAN	BRAZIL	CHILE	PERU	VENEZUELA
82.	Other iron and steel and alloys	200					
85.	Nickel and alloys	49	27	2	375		
89.	Metal fabricated basic products					155	349
92.	Other fabricated materials inedible				135		
94.	Electric generators and motors	154	104			36	3,847
95.	Other general purpose industrial machinery		169	281		13	1,130
96.	Materials, handling machinery and equipment						26
97.	Drilling, excavating, mining machinery	165	2,158	97	397	1384	13840
98.	Metal working machinery						104
100.	Construction machinery & equipment		1,661		8		1,946
102.	Pulp and paper industries machinery				70		
107.	Other agricultural machinery & equipment			2			
111.	Trucks, truck tractors and chasis					392	
112.	Other motor vehicles					235	29

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY	COUNTRY OR TOTAL	MALASIA	PAKISTAN	BRAZIL	CHILE	PERU	VENEZUELA
114.	Motor vehicle parts, except engines		366		63	70	
118.	Aircraft parts, except engines	34			31		
120.	Television, radios and phonographs						
121.	Other telecommunication and related equipment	143	2		7	1	
124.	Electric lighting and distribution equipment						26
126.	Other measuring, cont., lab. med. and opt. equipment	1	228	13			372
127.	Hand tools & miscellaneous cutlery	5					1
134.	Medical and pharm. products in dosage						1
141.	Other end products						11
142.	Special transations, trade					413	65
	TOTAL ALL COMMODITIES*	6,311	4,748	43,978	4,437	5,874	27,970

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY	COUNTRY OR TOTAL	LIBYA	NORWAY	SAUDI ARABIA	SPAIN	KUWAIT	TRINIDAD & TOBAGO
2.	Meat, fresh chilled or frozen						83
15.	Vegetables & vegetable preparations			4	40		16
20.	Other fodder and feeds				79		
69.	Chemical elements		5				
71.	Organic chemicals	1					
74.	Plastics basic shapes and forms					33	
75.	Other chemical products			1			1
85.	Nickel and alloys				1,030		
88.	Other non-ferrous metals and alloys	8					
89.	Metal fabricated basic products	6	17	22			52
92.	Other fabricated materials inedible	4					
94.	Electric generators and motors	10	28	61			
95.	Other general purpose industrial machinery	124	112	237			77
96.	Materials, handling machinery and equipment	2				250	

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY	COUNTRY OR TOTAL	LIBYA	NORWAY	SAUDI ARABIA	SPAIN	KUWAIT	TRINIDAD & TOBAGO
97.	Drilling, excavating, mining machinery	1,063	5,019	1,254	4	1,553	890
98.	Metal working machinery	11				21	
103.	Other special industries machinery	3					
106.	Other haying harvesting machinery						1
112.	Other motor vehicles					25	
114.	Motor vehicles parts, except engine			26			
115.	Ships, boats and parts		2				
117.	Aircraft engines and parts			170	37		
121.	Other telecommunication and related equipment	118		15		9	5
122.	Heating & refrigeration equipment	46					5
124.	Electric lighting and distribution	3		1			
126.	Other measuring, cont., lab. med. and opt. equipment	50	54	7		1	6
127.	Hand tools and miscellaneous cutlery				2		
128.	Office machines and equipment	14	113				

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY / COUNTRY OR TOTAL	LIBYA	NORWAY	SAUDI ARABIA	SPAIN	KUWAIT	TRINIDAD & TOBAGO
129. Other equipment and tools	1		4		25	9
130. Apparel and apparel accessories			2			
132. Toys, games, sporting, recreation equipment		5				
133. Other personal & household goods						1
136. Printed matter		6	50	5		1
139. Containers and closures	10					11
140. Prefabricated buildings & structures			3			
141. Other end products		2	8		5	1
142. Special transactions, trade	353	6	120	840		
TOTAL ALL COMMODITIES*	1,826	5,368	1,987	2,037	1,923	1,160

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY	COUNTRY OR TOTAL	SUDAN	TURKEY	EGYPT	THAILAND	ARGENTINA	COLUMBIA
2.	Meat, fresh, chilled or frozen			174			
11.	Hard spring wheat flour	733					147
12.	Other cereals, milled	33					
15.	Vegetables & vegetable preparations						46
20.	Other fodder and feeds				12		7
25.	Other crude animal products					49	
26.	Seeds for sowing					120	
34.	Textile and related fibres				1,324		
49.	Sulphur		2,287	1,967		3,496	
68.	Oils, tats, waxes, extracts and derivatives	113					
71.	Organic chemicals				447	17	
73.	Synthetic rubber and plastic materials				546		6,402
85.	Nickel and alloys					238	231
89.	Metal fabricated basic products			27			

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY	COUNTRY OR TOTAL	SUDAN	TURKEY	EGYPT	THAILAND	ARGENTINA	COLUMBIA
95.	Other general purpose industrial machinery						15
97.	Drilling, excavating, mining machinery	22		438		188	587
107.	Other agricultural machinery & equipment				1		
111.	Trucks, truck tractors and chassis					10	
112.	Other motor vehicles	261					
117.	Aircraft engines and parts		3				
118.	Aircraft parts, except engines	75					
120.	Other telecommunication and related equipment		1	3			
126.	Other measuring, cont., lab. med. and opt. equipment				5		
133.	Other personal & household goods				1		
139.	Containers and closures			2			
141.	Other end products			1			
142.	Special transactions, trade	169		15			173
	TOTAL ALL COMMODITIES*	1,405	2,291	2,626	2,335	4,188	7,609

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY	COUNTRY OR TOTAL	CZECHOSLOVAKIA	IVORY COAST	CHINA	BOLIVIA	CUBA	GREENLAND
8.	Barley			300			
9.	Wheat			197,023			
11.	Hard spring wheat flour				166		
23.	Rawhides and skins	1,379					1
27.	Flaxseed	168					
49.	Sulphur			36,247		7,603	
53.	Lumber, softwood						6
71.	Organic chemicals			1,259			
75.	Other chemical products					483	
95.	Other general purpose industrial machinery	1,902					
97.	Drilling, excavating, mining machinery		1,121	270		314	
122.	Heating & refrigeration equipment				1,952		
130.	Apparel and apparel accessories			12			
131.	Footwear			3			
138.	Firearms, ammunition and ordnance						5

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY / COUNTRY OR TOTAL	CZECHOSLOVAKIA	IVORY COAST	CHINA	BOLIVIA	CUBA	GREENLAND
142. Special transactions, trade						1,292
TOTAL ALL COMMODITIES*	3,449	1,121	235,115	2,118	8,400	1,304

1982 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY	COUNTRY OR TOTAL	MOROCCO	MOZAMBIQUE	TUNISIA
49.	Sulphur	32,629	21,276	36,618
	TOTAL ALL COMMODITIES*	32,629	21,276	36,618